



Product Sampler #4

Laboratory Fume Hoods



CLEATECH LLC.

Critical Laboratory solutions

Manufacture of a complete line of Stainless Steel and Plastic Products for Cleanroom and Labs

- Hoods and Laminar Flow Workstation
- Desiccator, Low-Humidity storage cabinets
- Glove Box Systems
- Laboratory Fume hoods
- Cleanroom and Laboratory Furnitures

Table of Contents

Ventilated Compounding Enclosures, HEPA Filtered	2
Ductless Fume Hoods, Portable, HEPA & Carbon Filter	3
Ductless Fume Hoods, Free-standing, HEPA filtered	3
Ducted Fume Hoods, Clear View, Benchtop	4
Ducted Fume Hoods, Polypropylene	5
Ducted Fume Hoods, Stainless Steel	5
Downdraft Workstations, Ductless Hood	6
Ducted Fume Hoods, Free-Standing	6
Hood accessories	7
Useful Resources and Links	8

Cleatech creates custom solutions for application-specific manufacturing challenges, quickly and economically.

Our products are extensively tested and meet all major standards. All designs and technologies are developed on-site by our dedicated R&D division. In addition to working with laboratories, we also work hard to make Cleatech a dynamically diverse workplace.

If you have a specific environmental or contamination control need, please [contact us](#) or visit our website www.cleatech.com



Containment Ventilated Enclosures, Single HEPA Filter (Ducted)

USP 800 compliant negative pressurized enclosure, can be used for non-sterile compounding of hazardous drugs. If use a single-HEPA filter they must be hard ducted to an external exhaust system. Optional redundant filter (Double HEPA filter) is for application require a portable and ductless containment hood.



Features:

- 24" to 48" Width, 24" Depth and 25" Height
- Sash material AR Polycarbonate
- Fan module 0 to 580 CFM (at 0" W.G. static pressure)
- HEPA filters efficiency 99.97% @ 0.3 micron particles
- External mount fluorescent or LED light.
- Removable airfoil located along the front bottom
- Rear baffle creates slotted openings along the back of the hood

SKU	Description	Material	Dimensions
1100-5-A	24" Containment Enclosures, Single HEPA	Polypropylene	24"x24"x25"
1100-5-B	32" Containment Enclosures, Single HEPA	Polypropylene	32"x24"x25"
1100-5-C	36" Containment Enclosures, Single HEPA	Polypropylene	36"x24"x25"
1100-5-D	48" Containment Enclosures, Double HEPA	Polypropylene	48"x24"x25"

Accessories:

- Swing Vane Manometer-Air Velocity Meter • 2" ID Utility port with cover • Stand with level mount or caster Epoxy Power Coated Steel, 30" and 35" High • LED Light External Mount • Airflow Alarm Monitor with duct mounted sensor probe, (Also available in side wall sensor)

Containment Ventilated Enclosures, Double HEPA Filter (Ductless)

Powder Containment Hoods, USP 800 compliant negative pressurized enclosure, can be used for non-sterile compounding of hazardous drugs. It is for application require a portable and ductless containment hood.



Features:

- 24" to 36" Width, 24" Depth and 25" Height
- Sash material AR Polycarbonate
- Fan module 0 to 580 CFM (at 0" W.G. static pressure)
- HEPA filters efficiency 99.97% @ 0.3 micron particles
- External mount fluorescent or LED light.
- Removable airfoil located along the front bottom
- Rear baffle, create slotted openings along the back of the hood

SKU	Description	Material	Dimensions
1100-5-A2	24" Containment Enclosures, Double HEPA	Polypropylene	24"x24"x25"
1100-5-B2	32" Containment Enclosures, Double HEPA	Polypropylene	32"x24"x25"
1100-5-C2	36" Containment Enclosures, Double HEPA	Polypropylene	36"x24"x25"

Accessories:

- Swing Vane Manometer-Air Velocity Meter • 2" ID Utility port with cover • Stand with level mount or caster Epoxy Power Coated Steel, 30" and 35" High • LED Light External Mount • Airflow Alarm Monitor

Portable Ductless Fume Hoods ,HEPA & Carbon Filter, Transparent

Cleatech benchtop ductless fume hoods are portable ductless enclosures with folding sash that remove hazardous fumes, vapors and particles from the laboratory. The air is directed into the filter chamber which houses various filter media (HEPA / Carbon) dependent on the type of particulate / vapor is generated. Different filtration combinations such as one or two types of carbon filter, only a HEPA filter, or a HEPA and a carbon filters.



Features:

Chemical Resistant Polypropylene Worksurface
 Choice of HEPA filter, Activated Carbon filter or Combine
 1250 CFM (rated at 0" static pressure) variable-speed
 Average airflow velocity 90 feet/minutes (fpm)
 Two hinged access shield that increases air speed

SKU	Description	Material	Dimensions
1100-2-A	24" Ductless Fume Hoods	AR Polycarbonate	24"x18.5"x30"
1100-2-C	24" Ductless Fume Hoods	Static Dissipative PVC	24"x18.5"x30"
1100-2-D	32" Ductless Fume Hoods	AR Polycarbonate	32"x18.5"x30"
1100-2-F	32" Ductless Fume Hoods	Static Dissipative PVC	32"x18.5"x30"

Accessories:

• Airflow Alarm Monitor • Airflow Monitor with touchscreen • Stand 30" or 35" Height, epoxy Powder Coated Steel with Caster • HEPA Filter 99.97% @ .3µm particles • Activated charcoal carbon filter

Free-Standing Ductless Fume Hoods ,HEPA Filter

Free-standing fume hoods capable of enclosing equipment up to 65 in. tall. Available with optional bolt-down Leveling mount or Caster. Epoxy powder coated steel frame construction, Polypropylene Fan / Filter housings and back panel, Clear PVC side panels, Front opening covered by clear vinyl curtain strips overlapped. (Tilt-up sash is available upon request)



Features:

Inside usable space: 50", 62" or 73"Wx 33"Dx 75"H
 Two Blower Modules each 1250 CFM (rated at 0" static pressure)
 HEPA Filters efficiency 99.97% @ 0.3 micron particles
 External mount Florescent light or LED
 Vinyl curtain strips overlapped front entry with custom height (Tilt-up Sash optional)

SKU	Description	Material	Dimensions
1100-2-G	4 Feet Free-standing Ductless Fume Hoods	Steel & PVC	52"x35"x82"
1100-2-H	5 Feet Free-standing Ductless Fume Hoods	Steel & PVC	66"x35"x82"
1100-2-I	6 Feet Free-standing Ductless Fume Hoods	Steel & PVC	76"x35"x82"

Accessories:

• Power Strip • Air velocity Meter • Front Hinged Tilt-up Sash • HEPA Filter

Ducted Fume Hoods, High Clearance, Benchtop

Cleatech benchtop ducted fume hoods are ventilated enclosures for storing or experimenting with potentially hazardous fumes, vapors & chemical powders. They feature transparent walls for optimum visibility and polypropylene spill tray for working with strong chemicals. These exterior-venting exhaust hoods require ductwork and may be used for application involving with high volumes of volatile organics and heavy powder.

Features:

Chemical Resistant Polypropylene Worksurface resists acids and other chemicals.

Choice of Duct port from 4" OD to 10" OD

Optional Blower Module with Adjustable fan speed

Average airflow velocity 90 feet/minutes (fpm)

Two hinged access shield that increases air speed



DUCTED FUME HOODS

SKU	Description	Material	Dimensions
1100-7-A	18" Ducted Fume Hoods	Polycarbonate	18"x24"x25"
1100-7-B	24" Ducted Fume Hoods	Polycarbonate	24"x24"x25"
1100-7-C	32" Ducted Fume Hoods	Polycarbonate	32"x24"x25"
1100-7-D	36" Ducted Fume Hoods	Polycarbonate	36"x24"x25"
1100-7-E	48" Ducted Fume Hoods	Polycarbonate	48"x24"x25"
1100-7-F	60" Ducted Fume Hoods	Polycarbonate	60"x24"x25"
1100-7-G	72" Ducted Fume Hoods	Polycarbonate	72"x24"x25"

SKU	Description	Material	Dimensions
1100-8-A	18" Ducted Fume Hoods	Non-Dissipative PVC	18"x24"x25"
1100-8-B	24" Ducted Fume Hoods	Non-Dissipative PVC	24"x24"x25"
1100-8-C	32" Ducted Fume Hoods	Non-Dissipative PVC	32"x24"x25"
1100-8-D	36" Ducted Fume Hoods	Non-Dissipative PVC	36"x24"x25"
1100-8-E	48" Ducted Fume Hoods	Non-Dissipative PVC	48"x24"x25"
1100-8-F	60" Ducted Fume Hoods	Non-Dissipative PVC	60"x24"x25"
1100-8-G	72" Ducted Fume Hoods	Non-Dissipative PVC	72"x24"x25"

SKU	Description	Material	Dimensions
1100-9-A	18" Ducted Fume Hoods	Static Dissipative PVC	18"x24"x25"
1100-9-B	24" Ducted Fume Hoods	Static Dissipative PVC	24"x24"x25"
1100-9-C	32" Ducted Fume Hoods	Static Dissipative PVC	32"x24"x25"
1100-9-D	36" Ducted Fume Hoods	Static Dissipative PVC	36"x24"x25"
1100-9-E	48" Ducted Fume Hoods	Static Dissipative PVC	48"x24"x25"
1100-9-F	60" Ducted Fume Hoods	Static Dissipative PVC	60"x24"x25"
1100-9-G	72" Ducted Fume Hoods	Static Dissipative PVC	72"x24"x25"

Accessories:

•Fan Module, adjustable speed features 480 CFM •Duct Port 6", 8" or 10" OD •Airflow Alarm Monitor • Airflow Monitor with touchscreen •Swing Vane Manometer •Stand 30" or 35" Height, epoxy Powder Coated Steel with Leveling mount or Caster •External LED Light •Swing Vane Manometer

Ducted Fume Hoods, Polypropylene, Optional Worksurface

Polypropylene Fume Hoods from Cleatech are excellent chemical resistant laboratory safety hood designed for high corrosive applications such as acid handling and they are protecting laboratory workers when working with toxic chemicals, vapors, gases, dusts, flammable and hazardous materials. They require ductwork. Available with and without bottom work surface and in variety of sizes.



Picture above shown with optional Fan and Worksurface

Features:

- Optional Polypropylene Worksurface
- Choice of Duct port from 4" OD to 10" OD
- Optional Blower Module with Adjustable fan speed
- Average airflow velocity 90 feet/minutes (fpm)
- Two hinged access shield AR Polycarbonate

SKU	Description	Material	Dimensions
1100-4-A	24" Ducted Fume Hoods	White Polypropylene	24"x24"x25"
1100-4-B	32" Ducted Fume Hoods	White Polypropylene	32"x24"x25"
1100-4-C	36" Ducted Fume Hoods	White Polypropylene	36"x24"x25"
1100-4-D	48" Ducted Fume Hoods	White Polypropylene	48"x24"x25"
1100-4-E	60" Ducted Fume Hoods	White Polypropylene	60"x24"x25"
1100-4-F	72" Ducted Fume Hoods	White Polypropylene	72"x24"x25"

Accessories:

- Worksurface Permanent
- Fan Module, adjustable speed features 480 CFM
- Duct Port 6", 8" or 10" OD
- Airflow Alarm Monitor
- Airflow Monitor with touchscreen
- Swing Vane Manometer
- Stand 30" or 35" Height, epoxy Powder Coated Steel with Leveling mount or Caster
- External LED Light

Ducted Fume Hoods, Stainless Steel, Optional Worksurface

Stainless steel fume hoods with duct port fabricated of grade 304 stainless steel with finish number 4, They have good resistance to a wide range of chemicals and excellent moisture and heat resistance. They are ESD safe suitable for electro static sensitive applications.


Features:

- Optional Stainless Steel Worksurface
- Choice of Duct port from 4" OD to 10" OD
- Optional Blower Module with Adjustable fan speed
- Average airflow velocity 90 feet/minutes (fpm)
- Two hinged access shield that increases air speed

SKU	Description	Material	Dimensions
1100-6-A	24" Ducted Fume Hoods	304 Stainless Steel	24"x24"x25"
1100-6-B	32" Ducted Fume Hoods	304 Stainless Steel	32"x24"x25"
1100-6-C	36" Ducted Fume Hoods	304 Stainless Steel	36"x24"x25"
1100-6-D	48" Ducted Fume Hoods	304 Stainless Steel	48"x24"x25"
1100-6-E	60" Ducted Fume Hoods	304 Stainless Steel	60"x24"x25"
1100-6-F	72" Ducted Fume Hoods	304 Stainless Steel	72"x24"x25"

Accessories:

Same as Polypropylene Hoods

Ductless or Ducted Downflow Workstation, Benchtop

Cleatech® Downflow Workstation is a benchtop ductless unit with a built-in blower. To protect lab operator, hazardous fumes, powders or vapors are collected through perforations on the work surface, clean, contaminant free air is returned into the laboratory space.

Features:

Stainless Steel Removable Worksurface
 Adjustable speed fan 580 CFM
 Pre-filter polyurethane foam
 Optional HEPA or Carbon filter
 Airflow 350 CFM
 Face Velocity Average 80fpm



EXHAUST FUME HOODS

SKU	Description	Material	Dimensions
1100-1-A	24" Downflow Workstation	White Polypropylene	24"x27"x40"
1100-1-B	32" Downflow Workstation	White Polypropylene	32"x27"x40"
1100-1-C	36" Downflow Workstation	White Polypropylene	36"x27"x40"

Accessories:

- HEPA Filter 99.97% @ .3µm particles for applications involving powders or dry particulates
- Activated charcoal carbon filter for applications involving chemicals and solvents
- Duct Port 6", 8" or 10" OD
- Stand 30" or 35" Height, epoxy Powder Coated Steel with Leveling mount or Caster
- External LED Light
- Front and side sashes

Free-Standing Ducted Fume Hoods, Optional Shelving

Free-standing Ducted fume hoods capable of enclosing equipment up to 65 in. tall. Feature bolt-down Leveling mount. Epoxy powder coated steel frame construction, Polypropylene Fan / Filter housings and back panel, Custom height clear PVC side panels, clear vinyl strips for Front opening (Tilt-up sash is available upon request)

Features:

Inside usable space: 48", 60" or 72"Wx 30"Dx 70"H
 Choice of Duct port 6", 8" or 10" OD
 Two Blower Module with Adjustable fan speed, 480 CFM each
 External mount LED light
 Vinyl curtain strips overlapped front entry with custom height (Tilt-up Sash optional)



SKU	Description	Material	Dimensions
1100-10-A	4 ft. Free-Standing Ducted Hoods	Steel, PVC, Polypro.	51"x31"x82"
1100-10-B	5 ft. Free-Standing Ducted Hoods	Steel, PVC, Polypro.	63"x31"x82"
1100-10-C	6 ft. Free-Standing Ducted Hoods	Steel, PVC, Polypro.	75"x31"x82"

Accessories:

- Chrome plated Wire shelf
- Solid Polypropylene shelf
- Power Strip
- Air velocity Meter
- Front Hinged Tilt-up Sash

Hood Accessories



Sink, washing and rinsing Accessories



HEPA & Activated Carbon Filters



Air Velocity Swing Van Manometer



Blower and Filtration Module



Airflow Alarm Monitor



Utility port 2" ID / Removable baffle



4" to 10" OD Duct Port and Flex Hose
For remote exhaust



Powder coated & Stainless-Steel
Stand with Caster or leveling feet

Useful Resources and Links



www.Cleatech.com

Visit CLEATECH corporate's website that has a nice variety display of lab products, thus serving as an official portal to our other websites with product info. By using the most advanced search features, you'd be able to find and narrow down your queries much better. Easily request a quote or contact us directly about your lab tech needs.



www.Laboratory-Supply.net

This website is an extended division of Cleatech.com. It has the same core engine & features. That's where you'll find even MORE details on our products along with the option to purchase via PayPal. Laboratory-Supply has a huge inventory of lab tech products for which you can also request a quote or call the company directly to place an order.



www.GlobalLabSupply.com

Shop On-line here, website with FULL commerce capabilities that include direct on-site check out, user accounts, database/log, multi-search, filtering and browsing through the entire catalog of quality lab tech machinery, furniture and essential accessories. For this website, we are also providing affiliate reseller business opportunities.



www.Facebook.com/Cleatech

Feel free to 'like' Cleatech on Facebook so you can stay up to date with the latest and greatest products, news, demos, updates, deals, articles, science facts, quotes & even science history! Essentially, this is our official Clean Tech Community of business professionals, scientists and tech enthusiasts alike. So, help us build a bigger scientific community!



www.Twitter.com/Cleatech

Follow Cleatech on twitter if you're a fan of science, research, discoveries, new tech, clean/green lab technology, eco-friendly products and methods as well as latest news and biggest announcements in the community. There, you can also find some useful facts, tips/advice and quotes. Our twitter encompasses even a BIGGER scientific community.



www.Cleatech.com/Blog

Our official company Sci-tech blog where you can read up on all kinds of interesting stuff dealing with science or clean /lab technology. Other topics of interests are biotechnology, nanotechnology, innovation, research, info-tech, aerospace, green/new tech, health and life science, medicine, aero-space, geology, psychology/neurology and pathology...



Request a Quote OR Call 1-(888) 216-8033